AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

Claims 1 to 8 (Canceled)

9. (New) A hand-carried water purifier for use with a water bottle, the purifier comprising:

a three-way valve having a water supply inlet, a water recycling inlet and an outlet, the valve being selectively actuatable between a first position where the outlet is in fluid communication with the water supply inlet and a second position where the outlet is in fluid communication with the water recycling inlet;

a pump having an inlet and an outlet, the inlet of the pump being in fluid communication with the outlet of the valve;

a filter having an inlet and an outlet, the filter being in fluid communication with the outlet of the pump;

an ozone generator to generate ozone from oxygen provided by an oxygen bottle;

an ozone injector having an inlet and an outlet, the inlet of the injector being in fluid communication with the outlet of the filter, the injector mixing ozone from the ozone generator with water when flowing between the inlet and the outlet of the injector;

a case enclosing the valve, the pump, the filter, the ozone generator and the ozone injector;

a bottle neck adapter to be removably secured by hand to the bottle, the bottle neck adapter having a water inlet, a water outlet and a gas outlet, the water inlet of the bottle neck adapter being in fluid communication with the outlet of the ozone

injector, the water outlet of the bottle neck adapter being in fluid communication with the water recycling inlet; and

a water level sensor connected to the bottle neck adapter to generate a signal to which the valve is responsive for selecting between the first and the second position of the valve.

10. (New) The hand-carried water purifier of claim 9 wherein the bottle neck adapter further comprises an ozone destruction unit communicating with the gas outlet, for destroying ozone escaping the bottle from the gas outlet.

11. (New) The hand-carried water purifier of claim 9 wherein the bottle neck adapter further comprises an injection tube which extends a first distance into the bottle and is connected to the water inlet, and a suction tube which extends a second distance into the bottle and is connected to the water outlet, the second distance being substantially greater than the first distance.

12. (New) The hand-carried water purifier of claim 9 wherein the bottle neck adapter comprises a ring member shaped to be mounted over a neck of the bottle, and at least one tightening cam mounted on the ring member, the tightening cam being operable by hand between an opened position where the ring member is easily engageable onto and disengageable from the neck portion, and a closed position where the ring member is secured to the neck portion.

13. (New) The hand-carried water purifier of claim 9 wherein the filter includes a sediment filter and an activated charcoal filter in serial flow connection.

14 (New) The hand-carried water purifier of claim 9 further comprising a control box to actuate the 3-way valve in response to the signal from the water level sensor.

15. (New) The hand-carried water purifier of claim 14 wherein the control box is programmed to automatically actuate the valve to the second position upon receiving the signal from the water level sensor to engage water recycling.

16. (New) The hand-carried water purifier of claim 15 wherein the control box is programmed to stop the pump after a predetermined number of cycles of water recycling have been reached.

17. (New) The hand-carried water purifier of claim 14 wherein the case further encloses the control box and the oxygen bottle.

18. (New) The hand-carried water purifier of claim 9 wherein the ozone injector is a venturi ozone injector.

19. (New) A hand-carried water purifier for use with a water bottle, the purifier comprising :

a duct system having a water inlet connectable to a water supply, a water outlet, a pump between the water inlet and the water outlet, a filter downstream from the pump, and an ozone injector downstream from the filter;

a bottle neck adapter to be removably secured by hand to the bottle for connecting the water outlet to the bottle;

an ozone generator having an oxygen inlet connectable to an oxygen bottle for generating ozone from the oxygen and providing the ozone to the ozone injector; and

a hand-carried case enclosing the three-way valve, the pump, the filter, the ozone generator and the ozone injector.

20. (New) The hand-carried water purifier of claim 19 wherein the bottle neck adapter further comprises a suction tube for recycling water from the water bottle, the duct system

further comprising a three-way valve actuatable to selectively connect one among the water inlet and the suction tube to the pump.

21. (New) The hand-carried water purifier of claim 20 wherein the bottle neck adapter further comprises an injection tube and a suction tube, the suction tube being longer than the injection tube.

22. (New) The hand-carried water purifier of claim 19 wherein the bottle neck adapter comprises a ring member shaped to be positioned over a neck of the bottle, and at least one tightening cam mounted on the ring member, the tightening cam being operable by hand between an opened position where the ring member is engageable onto and disengageable from the neck portion, and a closed position where the ring member is secured to the neck portion.

23. (New) The hand-carried water purifier of claim 20 further comprising a water level sensor mounted on the bottle neck adapter to generate a signal to which the valve is responsive for selectively connecting one among the water inlet and the suction tube to the pump.

24. (New) A hand-carried water purifier for use with a water container, the purifier comprising :

a duct system having a water inlet connectable to a water supply, a water outlet and a suction tube both being connectable to the water container, a pump between the water inlet and the water outlet, a three-way valve actuatable to selectively connect one among the water inlet and the suction tube to the pump, a filter downstream from the pump, and an ozone injector downstream from the filter;

an ozone generator having an oxygen inlet connectable to an oxygen bottle for generating ozone from the oxygen and providing the ozone to the ozone injector; and

a hand-carried case enclosing the three-way valve, the pump, the filter, the ozone generator and the ozone injector.

25. (New) The hand-carried water purifier of claim 24 wherein the water container is a bottle, further comprising a bottle neck adapter to be removably secured by hand to the bottle, the bottle neck adapter having the water outlet and the suction tube.

26. (New) The hand-carried water purifier of claim 24 further comprising a water level sensor for the water container to generate a signal to which the valve is responsive for selectively connecting one among the water inlet and the suction tube to the pump.

27. (New) The hand-carried water purifier of claim 26 further comprising a control box to receive the signal from the water level sensor and to actuate the 3-way valve, the control box being programmed to automatically actuate the valve to connect the suction tube to the pump upon receiving the signal from the water level sensor to engage recycling.

28. (New) The hand-carried water purifier of claim 27 wherein the control box is programmed to stop the pump after a predetermined number of cycles of recycling have been reached.